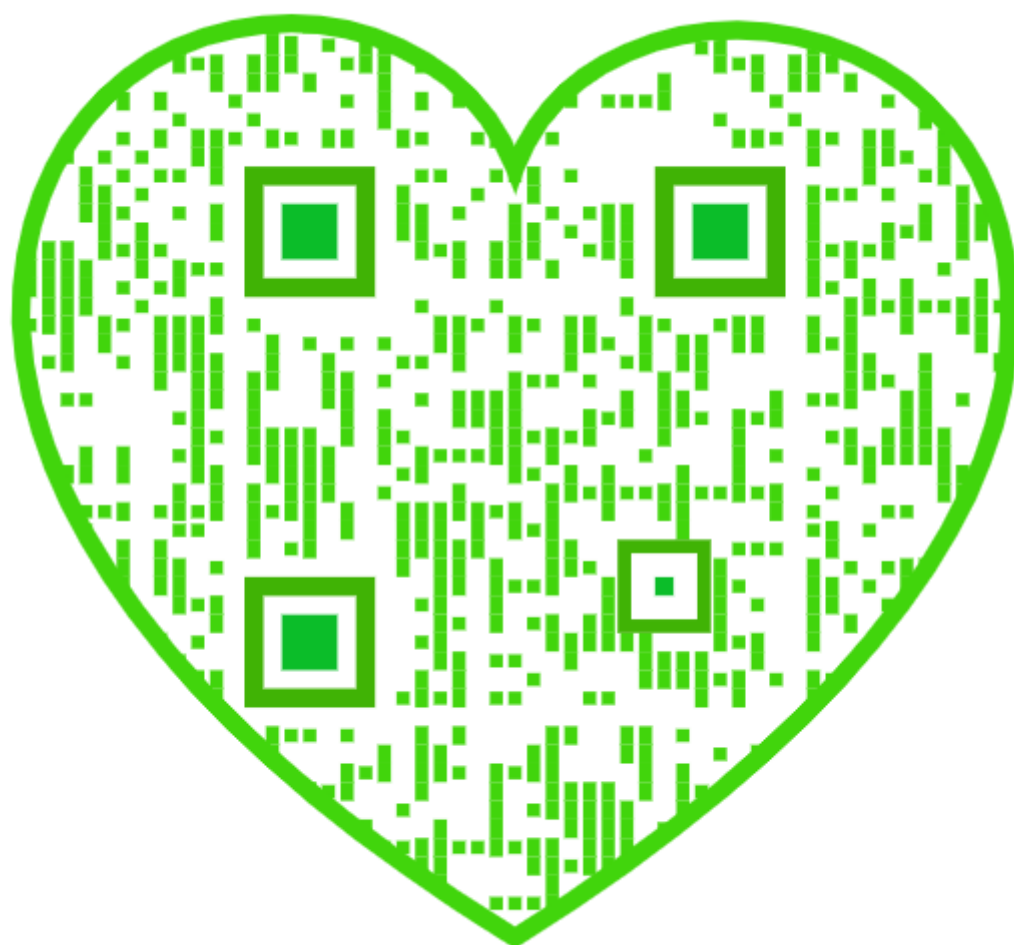


Master in Artificial Intelligence



Algorithm Selection & Development XII





Purpose

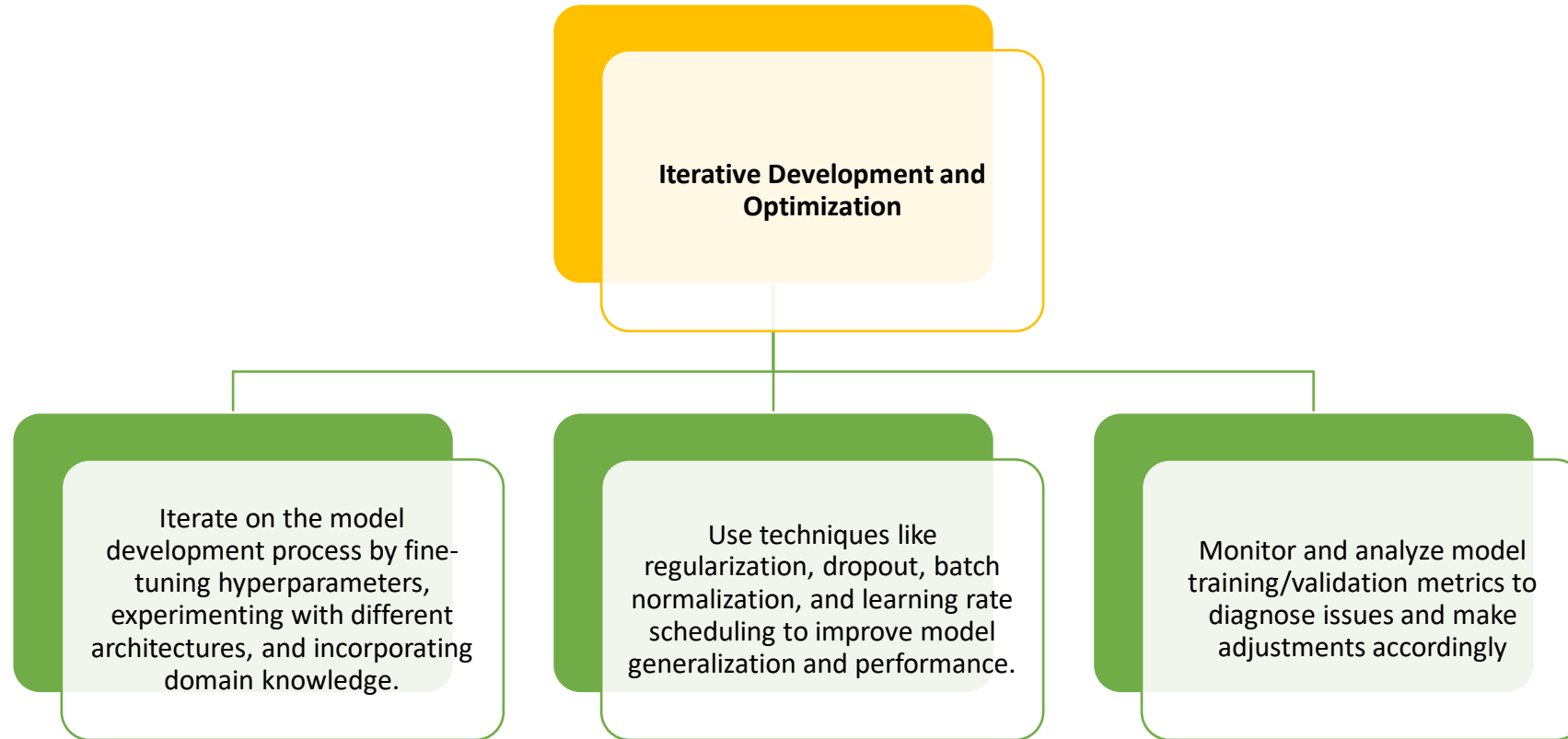
The purpose of the section is to help you learn how to research, select, and develop appropriate algorithms to become a Successful Artificial Intelligence (AI) Engineer

At the end of this lecture, you will learn the following

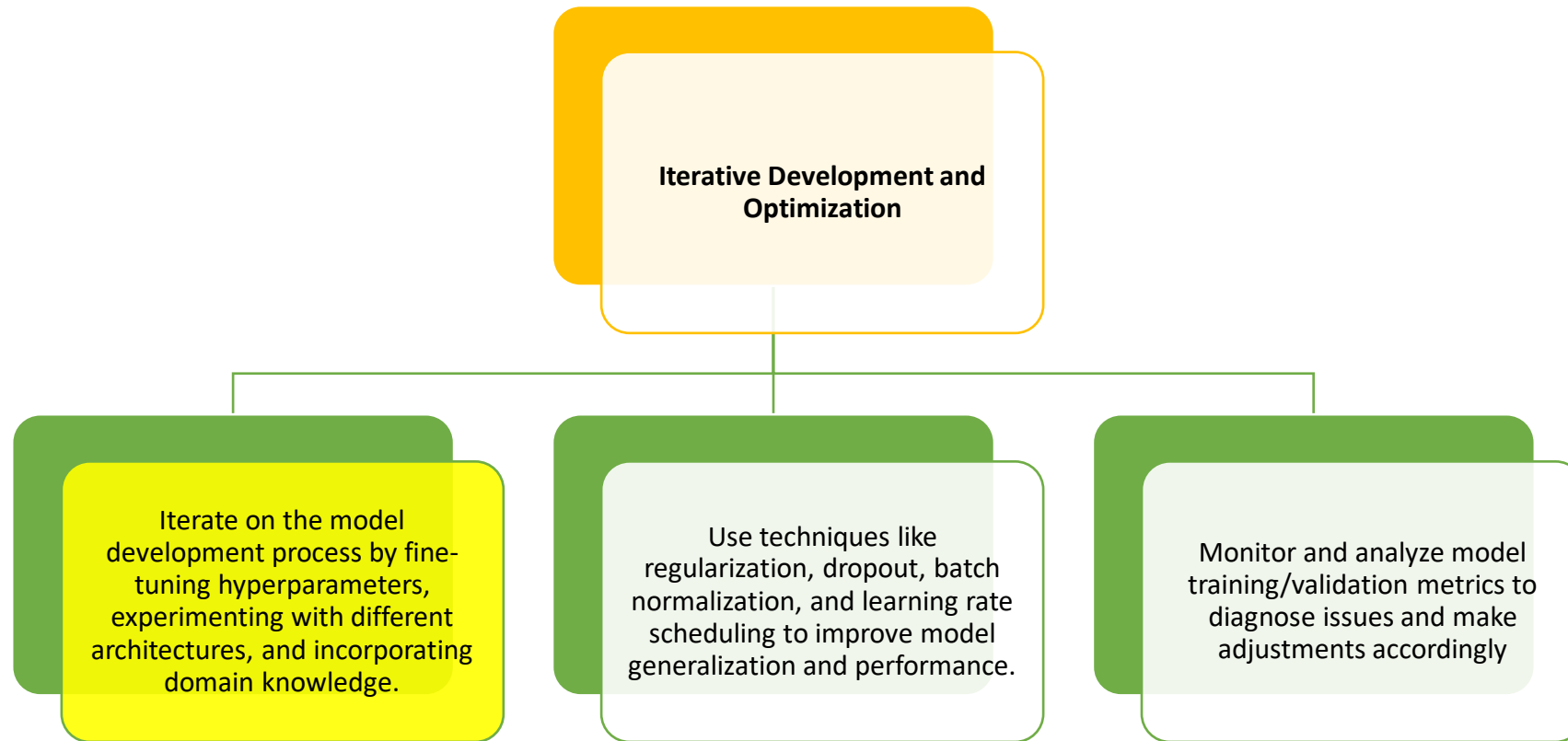
- **How to Iterate on the model development process by fine-tuning hyperparameters**



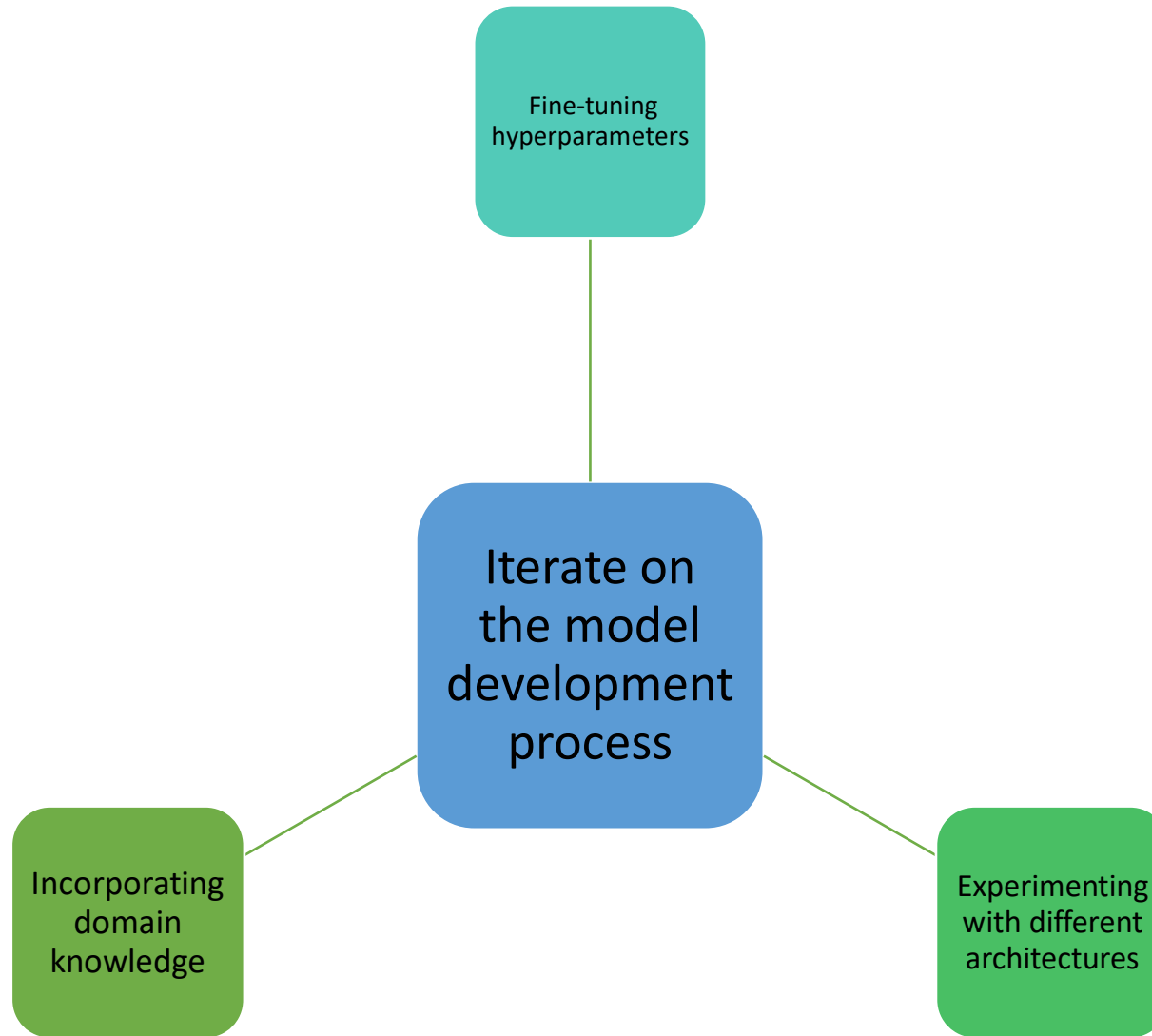
Get into Iterative Development and Optimization



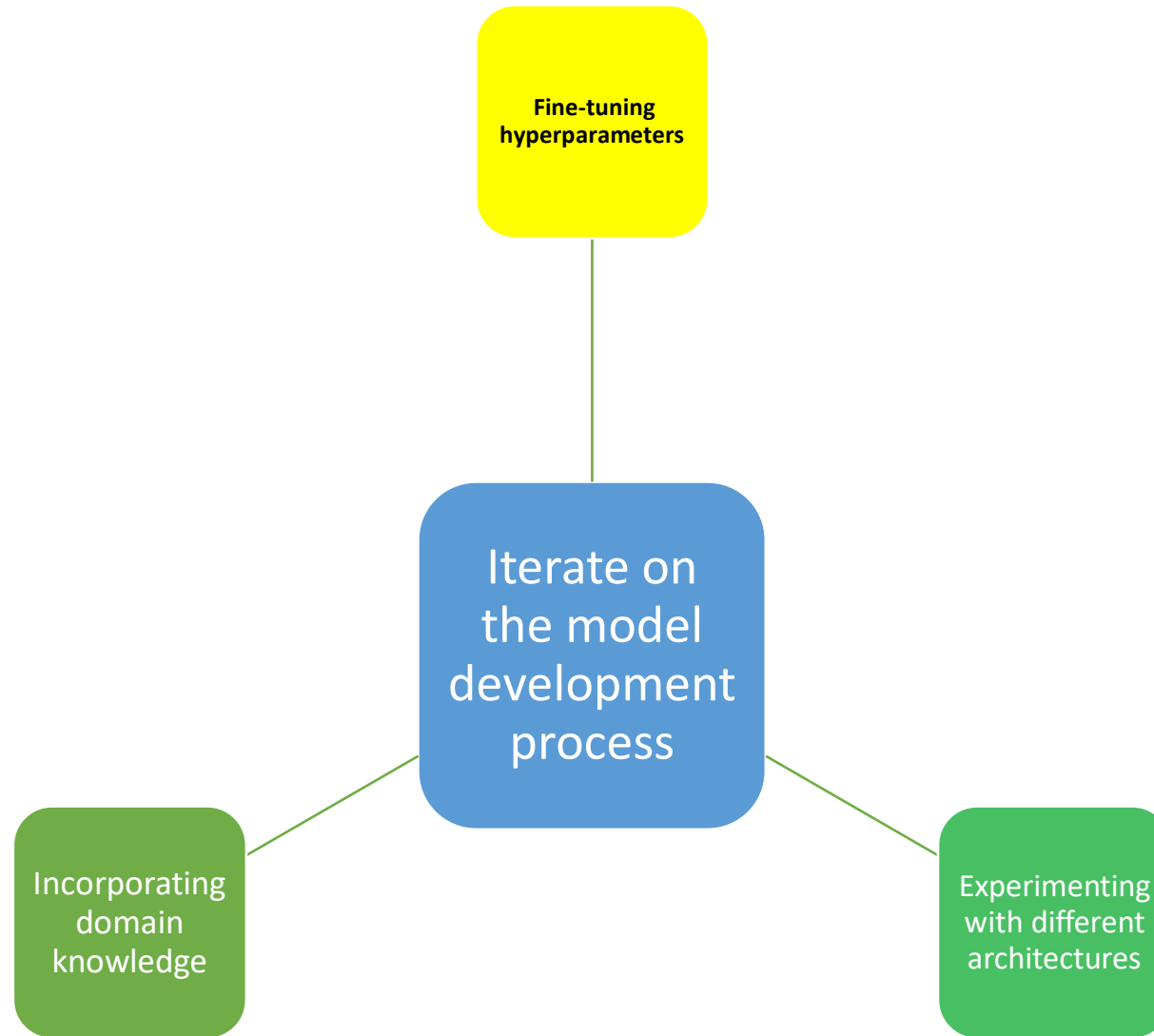
Start to iterate on the model development process



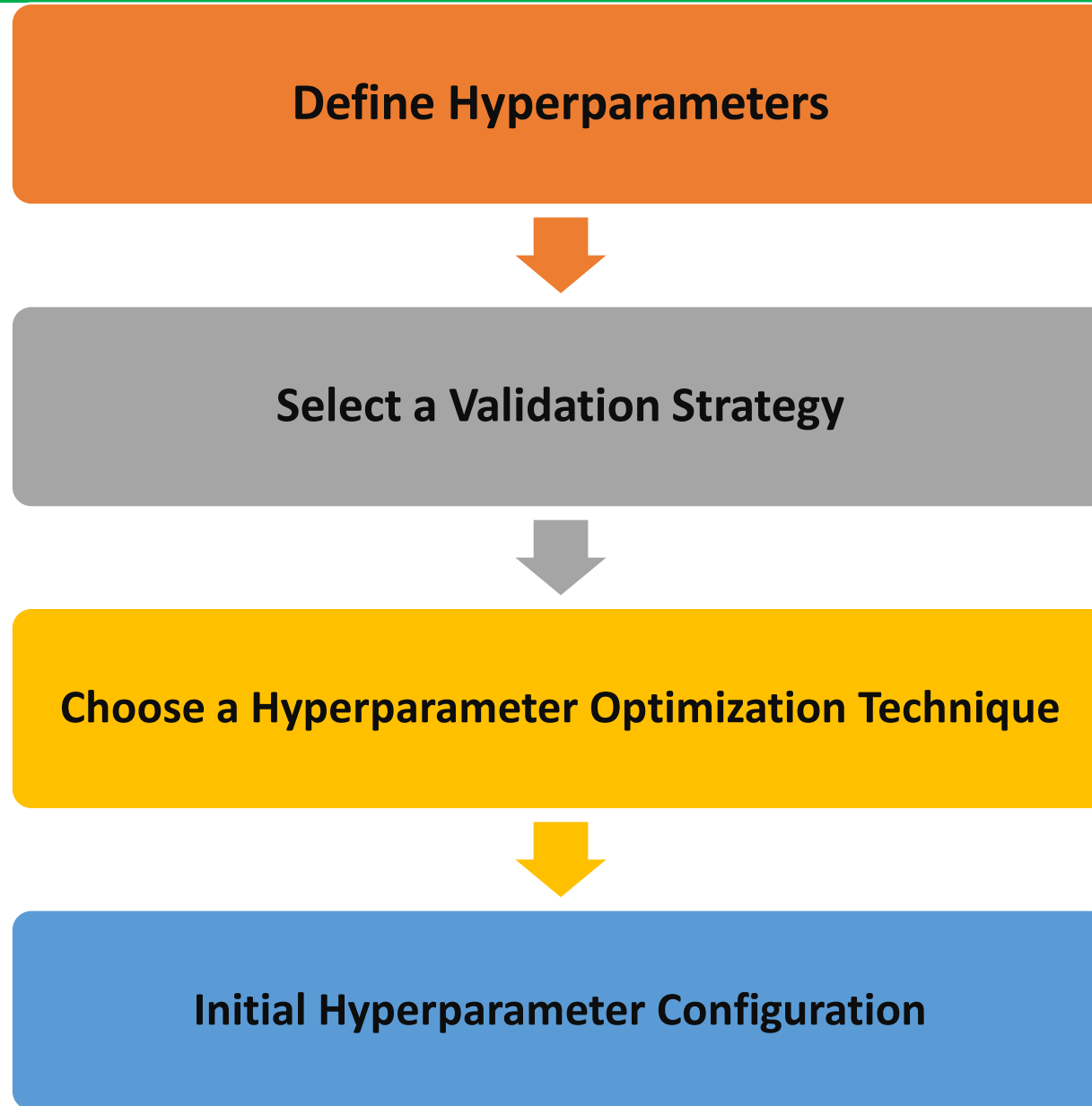
How to iterate on model development process



How to Iterate on the model development process by fine-tuning hyperparameters?



How to Iterate on the model development process by fine-tuning hyperparameters?



How to Iterate on the model development process by fine-tuning hyperparameters?

Iterative Optimization



Stopping Criterion



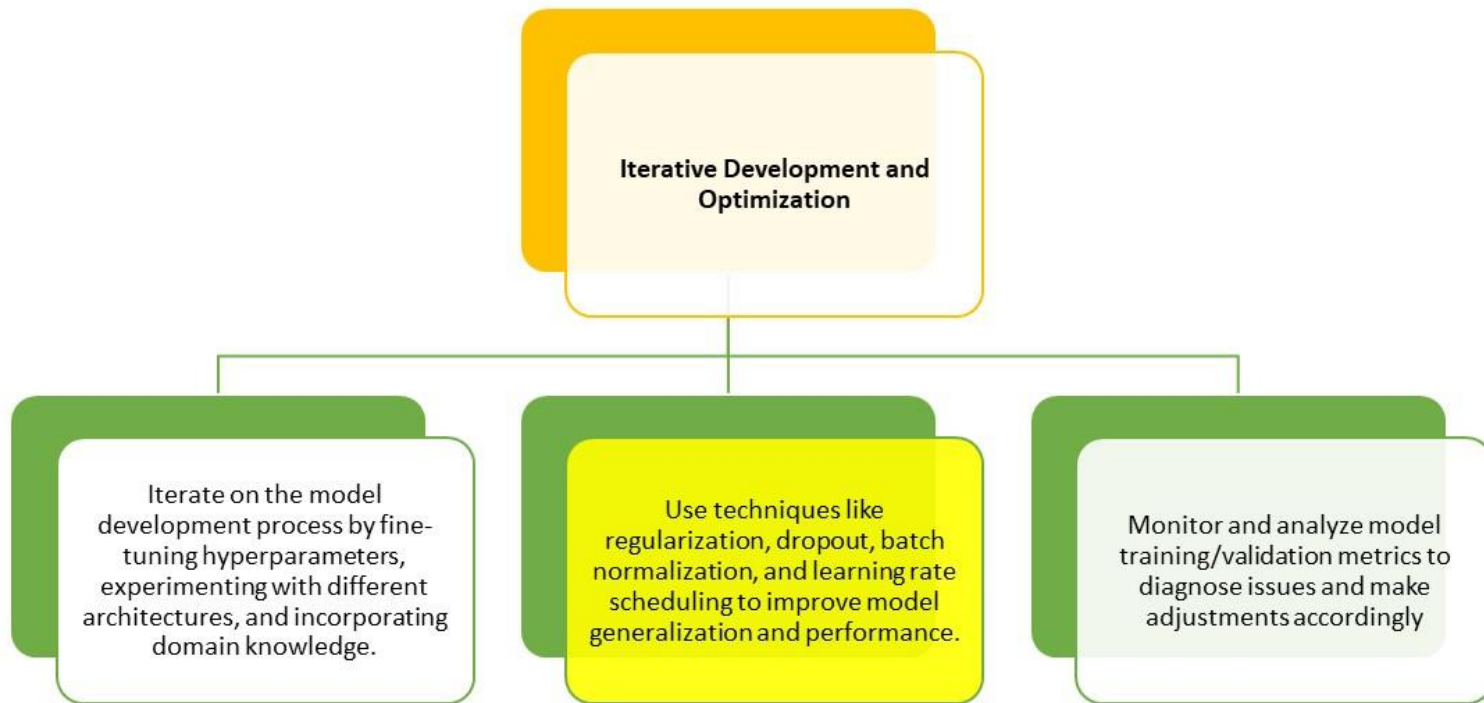
Final Model Selection



Further Refinement



What is next?



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*Thank
you*



Algorithm Selection & Development XII

